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ZOOLOGY
OF THE
ROYAL INDIAN MARINE SURVEY SHIP
INVESTIGATOR
UNDER THE COMMAND OF
COMMANDER W. G. BEAUCHAMP, R.I.M.

MOLLUSCA—Pt. VI, Pls. XXI—XXIII.

UNDER THE DIRECTION OF

N. ANNANDALE, D.Sc., C.M.Z.S., F.L.S., SUPERINTENDENT OF THE INDIAN MUSEUM,

AND OF

F. H. STEWART, M.A., D.Sc., M.B., SURGEON-NATURALIST TO THE INDIAN MARINE SURVEY.



Published under the Direction of Captain W. G. Bumsden, R.N.,
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1897

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE I.

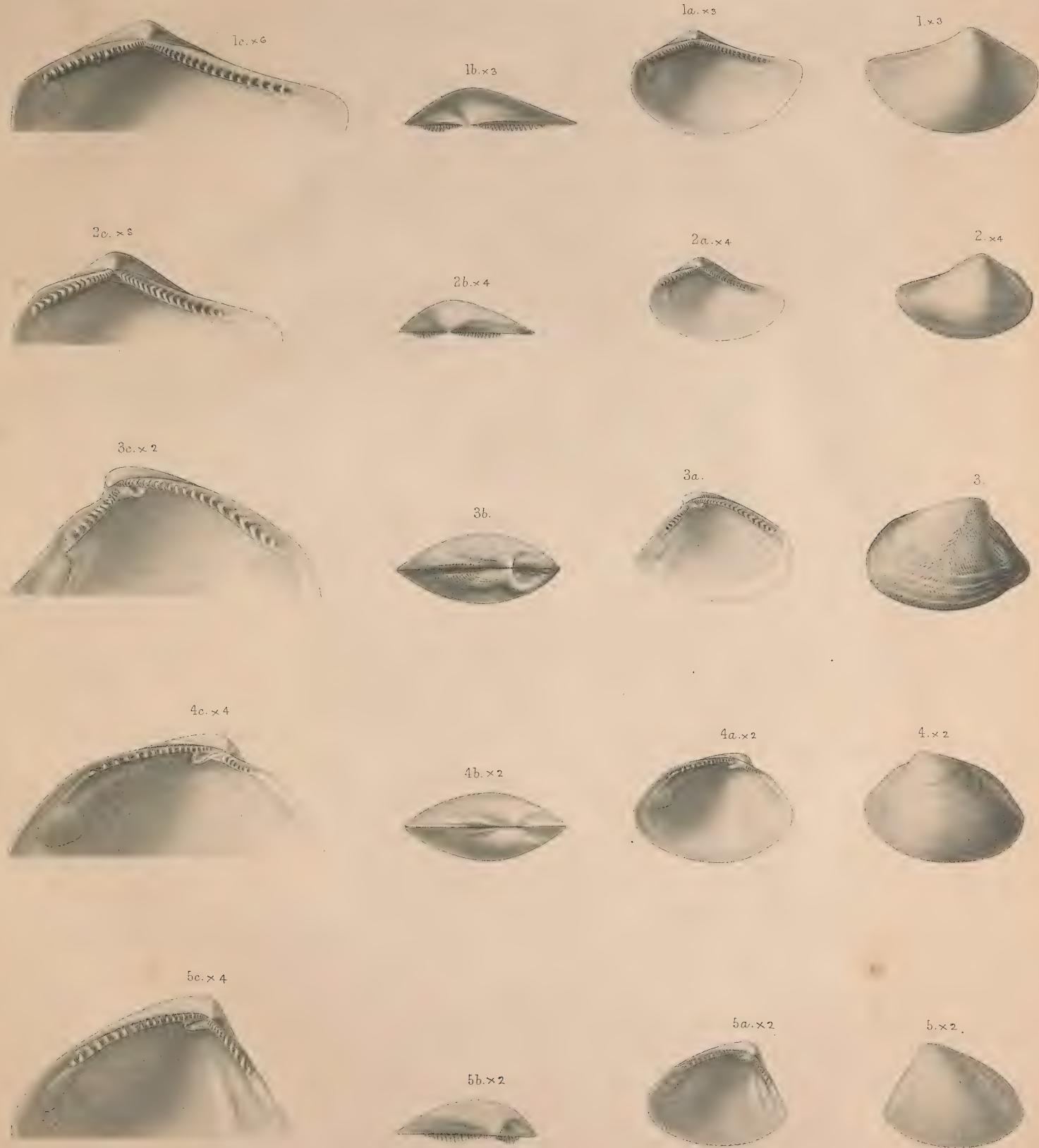
Figs. 1, 1a, 1b, 1c.—*Nuculana indica*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 16.

Figs. 2, 2a, 2b, 2c.—*Nuculana fumosa*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 16.

Figs. 3, 3a, 3b, 3c.—*Nucula (Acila) fultoni*, E. A. Smith.

Figs. 4, 4a, 4b, 4c.—*Nucula bengalensis*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 15.

Figs. 5, 5a, 5b, 5c.—*Nucula donaciformis*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 15.



1. *Nuculana indica*, E. A. Smith. 2. *Nuculana fumosa*, E. A. Smith. 3. *Nucula fultoni*, E. A. Smith.
4. *Nucula Bengalensis*, E. A. Smith. 5. *Nucula donaciformis*, E. A. Smith.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE II.

Figs. 1, 1a.—*Amussium andamanicum*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 172; and (6) XVI. September, 1895, p. 265.

Figs. 2, 2a.—*Amussium solitarium*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 173.

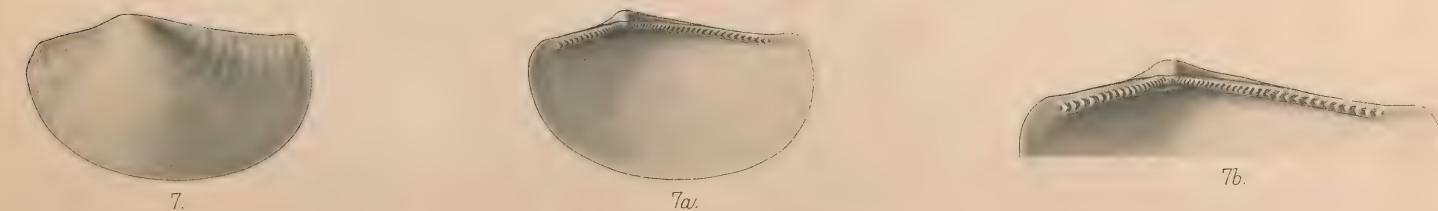
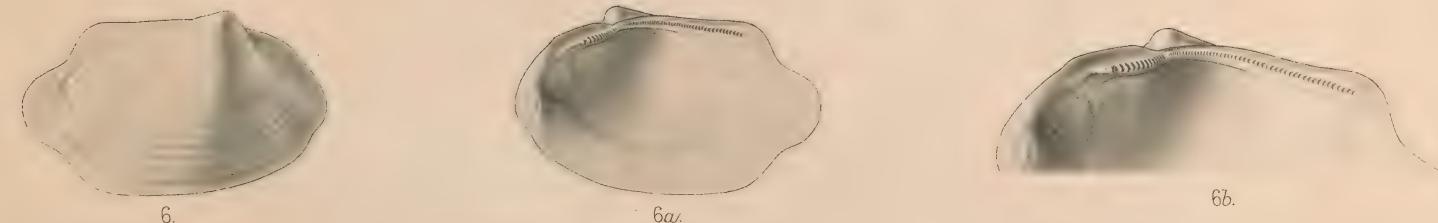
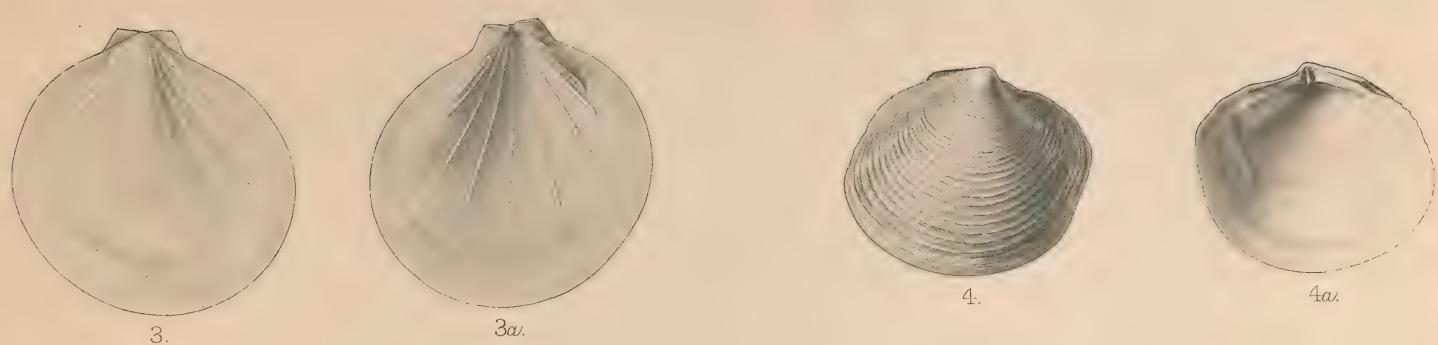
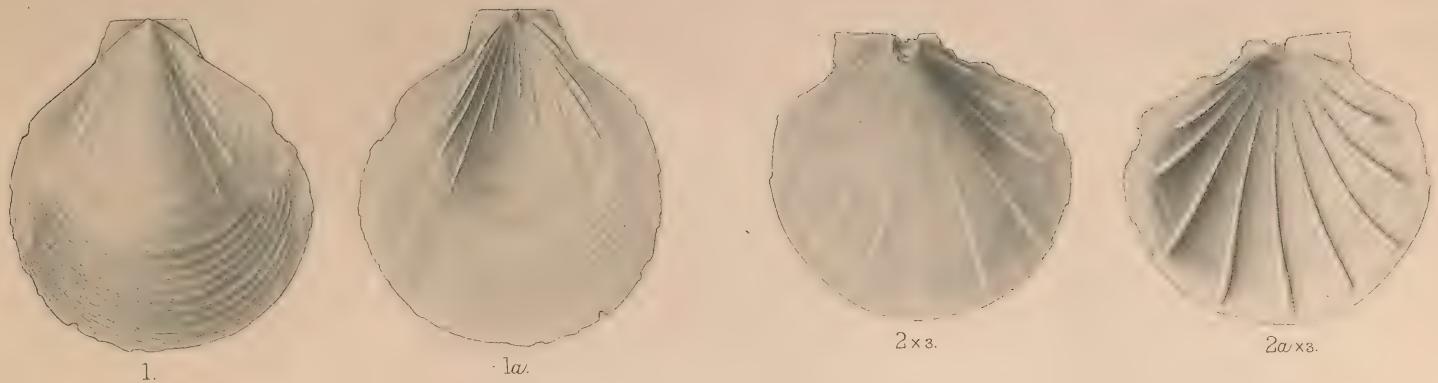
Figs. 3, 3a.—*Amussium alcocki*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 172.

Figs. 4, 4a.—*Lucina bengalensis*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 171.

Figs. 5, 5a.—*Glauconome sculpta*, Sowerby, Proceedings of the Malacological Society, Vol. I. March, 1894, p. 40.

Figs. 6, 6a, 6b, 6c.—*Yoldia angulata*, Sowerby.

Figs. 7, 7a, 7b.—*Malletia conspicua*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 17.



1. *Amussium andamanicum*, E. A. Smith. 2. *Amussium solitarium*, E. A. Smith. 3. *Amussium alcocki*, E. A. Smith.
4. *Lucina bengalensis*, E. A. Smith. 5. *Glauconome sculpta*, Sowb. 6. *Yoldia angulata*, Sowb.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE III.

Figs. 1, 1a, 1b.—*Cryptodon acuticarinatus*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 14.

Figs. 2, 2a, 2b.—*Cryptodon investigatoris*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 13.

Figs. 3, 3a, 3b.—*Lucina spinifera*, (Montagu) E. A. Smith, Annals and Magazine of Natural History, (6) XVI. p. 12.

Figs. 4, 4a, 4b, 4c.—*Limopsis indica*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 171.

Figs. 5, 5a.—*Cuspidaria macrorhynchus*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 12.

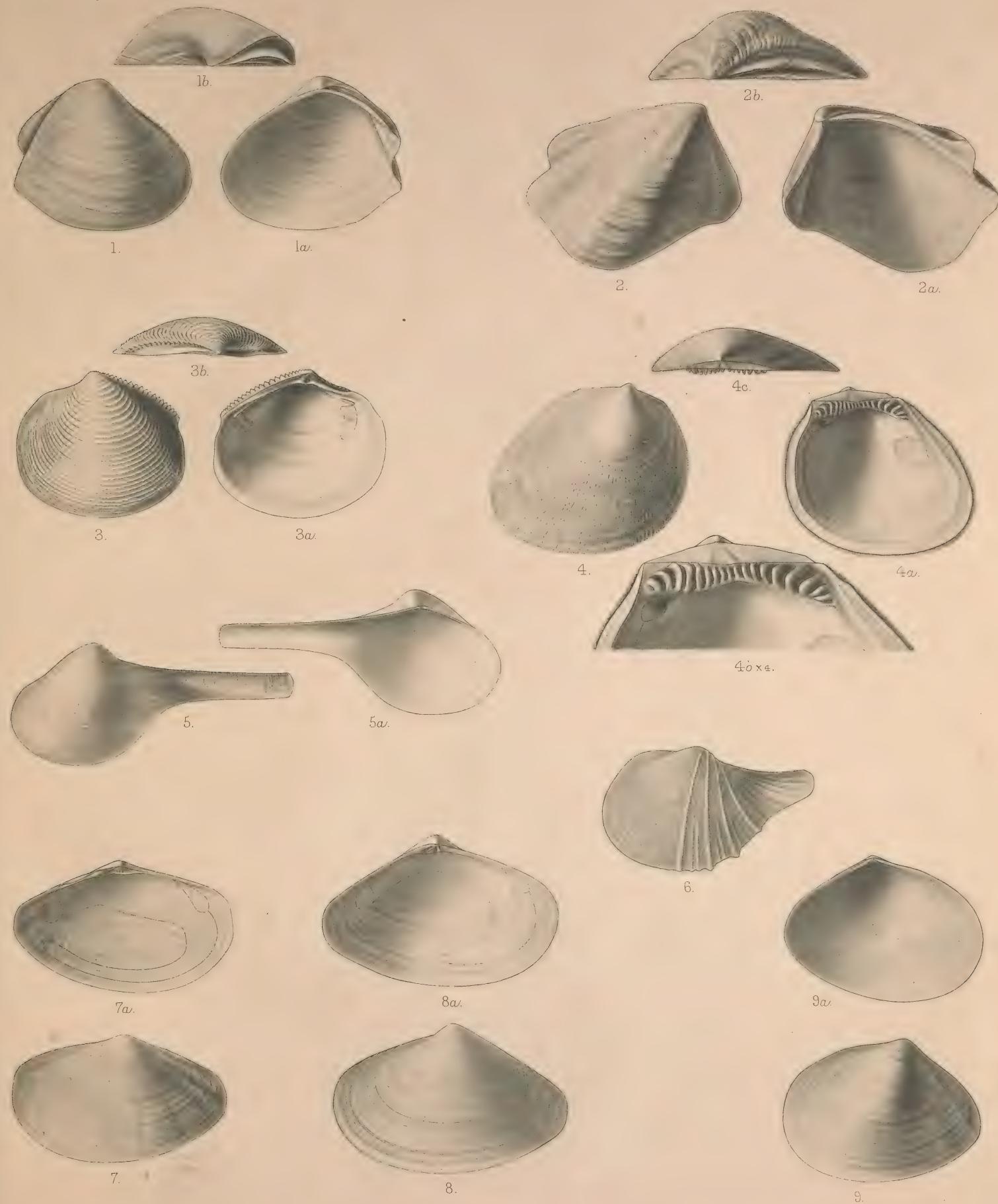
Fig. 6.—*Cuspidaria (Cardiomya) alcocki*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 170.

Figs. 7, 7a.—**Abra maxima*, Sowerby, Proceedings Malacological Society, 1894, Vol. I. p. 40, pl. v. fig. 5, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. 1894, p. 169; and XVI. 1895, p. 10.

Figs. 8, 8a.—*Abra convexior*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 10.

Figs. 9, 9a.—*Tellina parvula*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 10.

* *Syndesmya maxima*.



1. *Cryptodon acuticarinatus*, E. A. Smith, $\times 2\frac{1}{2}$. 2. *Cryptodon investigatoris*, E. A. Smith, $\times 1\frac{1}{2}$. 3. *Lucina spinifera*, Montagu, $\times 2\frac{1}{2}$.
 4. *Limopsis indica*, E. A. Smith $\times 2$. 5. *Cuspidaria macrorhynchus*, E. A. Smith, $\times 3$. 6. *Cuspidaria alcocki*, E. A. Smith, $\times 3$.
 7. *Abra maxima*, Sowb, $\times 1\frac{1}{2}$. 8. *Abra convexior*, E. A. Smith, $\times 3$. 9. *Tellina parvula*, E. A. Smith, $\times 3$.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE IV.

Figs. 1a, 1b, 1c, 1d, 1e.—*Verticordia (Euciroa) eburnea*, Wood-Mason and Alcock, Annals and Magazine of Natural History, (6) VIII. December, 1891, p. 447.

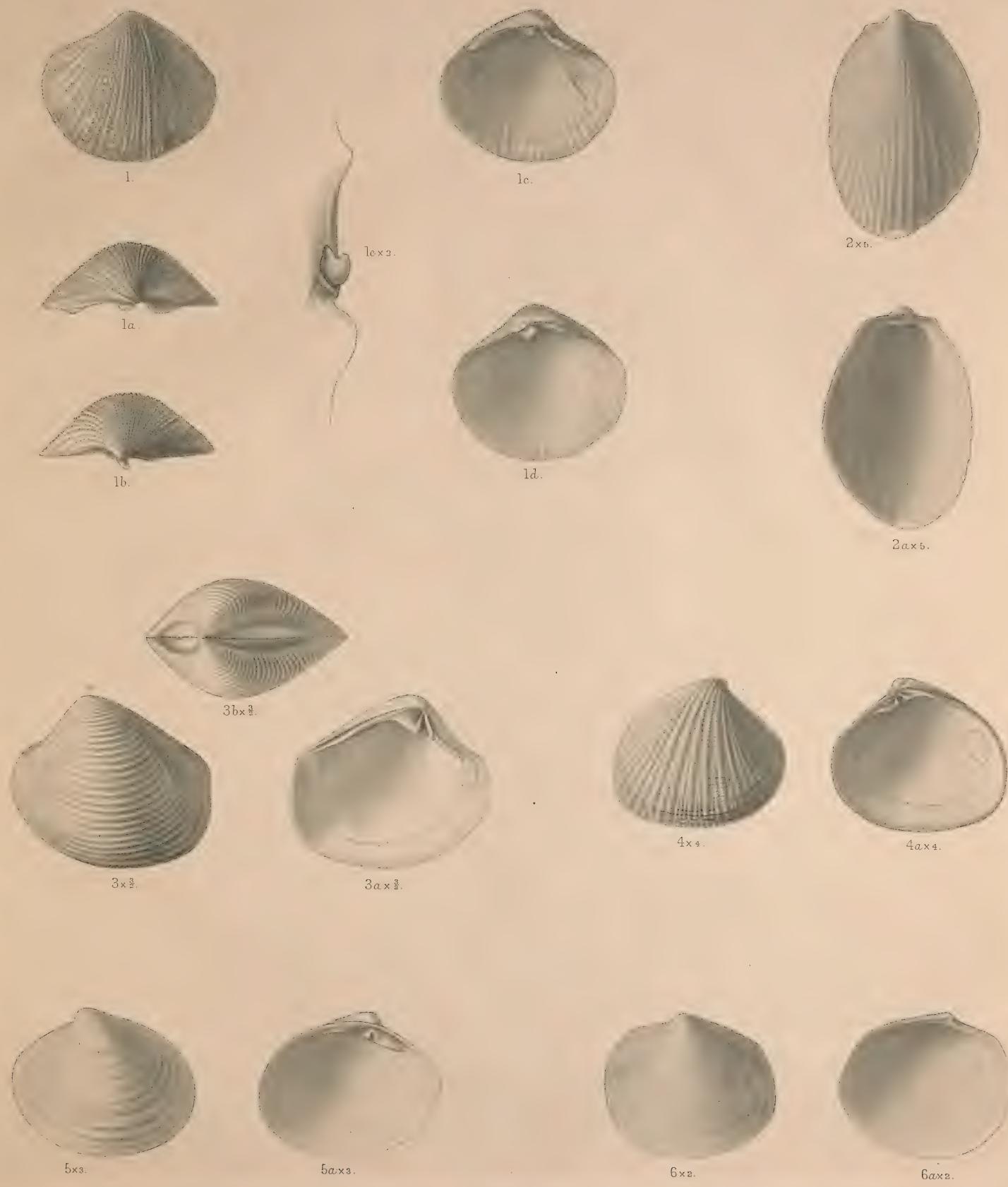
Figs. 2, 2a.—*Lima (Limatula) subtilis*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 18.

Figs. 3, 3a, 3b.—*Crassatella indica*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. September, 1895, p. 265.

Figs. 4, 4a.—*Venus juvenilis*, E. A. Smith, Annals and Magazine of Natural History, (6) XVI. July, 1895, p. 9.

Figs. 5, 5a.—*Cytherea (Caryatis) pudicissima*, E. A. Smith, Annals and Magazine of Natural History, (6) XIV. September, 1894, p. 169.

Figs. 6, 6a.—*Cryptodon philippinarum*, (Hanley), E. A. Smith, Annals and Magazine of Natural History, (6) XVI, p. 13.



1. *Verticordia (Euciroa) eburnea*, W.M. & A. 1 \times 2. 2. *Lima subtilis*, E.A. Smith \times 5. 3. *Crassatella indica*, E.A. Smith \times $\frac{3}{2}$.
 4. *Venus juvenilis*, E.A. Smith \times 4. 5. *Cytherea (Caryatis) pudicissima*, E.A. Smith \times 3. 6. *Cryptodon philippinarum*, Hanley \times 2.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE V.

Figs. 1, 1a.—*Pontiothauma mirabile*, E. A. Smith, Annals and Magazine of Natural History, (6), XVI. July, 1895, p. 2.

Figs. 2, 2a.—*Pontiothauma abyssicola*, E. A. Smith, Annals and Magazine of Natural History, (6), XIV. July, 1895, p. 3.



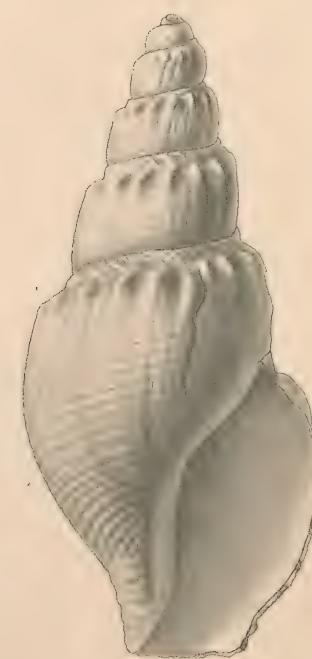
1.



1a.



2.



2a.

1. *Pontiothauma mirabile*, E. A. Smith.2. *Pontiothauma abyssicola*, E. A. Smith.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE VI.

Figs. 1, 1a, 1b.—*Murex malabaricus*, E. A. Smith, Annals and Magazine of Natural History, (6), XIV. September, 1894, p. 162.

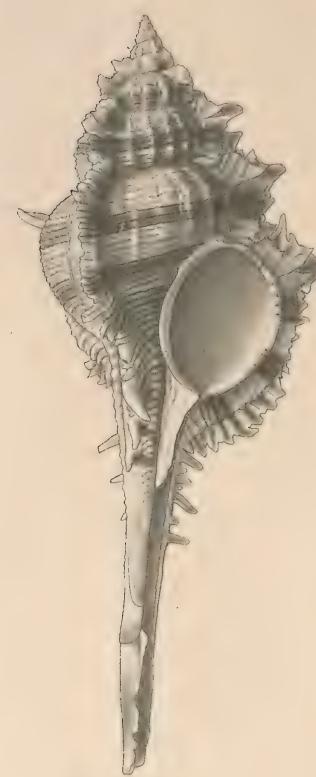
Figs. 2, 2a.—*Pirula investigatoris*, E. A. Smith, Annals and Magazine of Natural History, (6), XIV. November, 1894, p. 367.



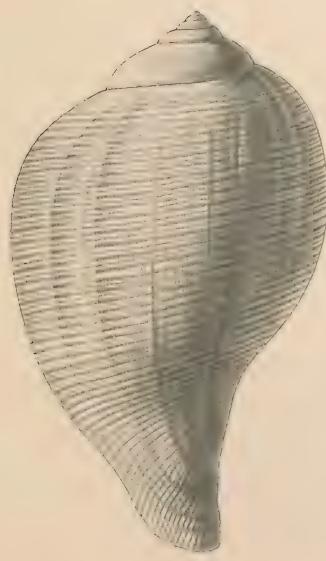
1.



1b.



1a.



2.



2a.

1. *Murex malabaricus*, E.A. Smith.

2. *Pirula investigatoris*, E.A. Smith.

Model - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30

1875.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE VII.

Figs. 1, 1a.—*Pleurotoma (Ancistrosyrinx) travancorica*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 368.

Figs. 2, 2a.—*Pleurotoma (Surcula) profundorum*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 369.

Figs. 3, 3a.—*Natica (Lunatia) abyssicola*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 370.

Figs. 4, 4a.—*Natica (Lunatia) levii*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 370.

Figs. 5, 5a.—*Dentalium magnificum*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 371.

Figs. 6, 6a.—*Cardium (Fragum) simillimum*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 372.



1 x 2.



1a x 2.



2 x 2.



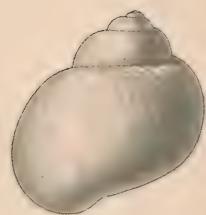
2a x 2.



3 x 3.



3a x 3.



4 x 2.



4a x 2.



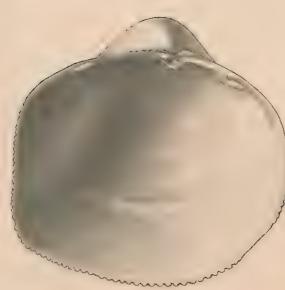
5.



5a.



6 x 2.



6a x 2.

1, *Pleurotoma (Ancistrosyrinx) travancorica*, E. A. Smith. 2, *Pleurotoma (Surcula) profundorum*, E. A. Smith.

3, *Natica (Lunatia) abyssicola*, E. A. Smith. 4, *Natica (Lunatia) livis*, E. A. Smith.

5, *Dentalium magnificum*, E. A. Smith. 6, *Cardium Fragum simillimum*, E. A. Smith.

EXPLANATION OF PLATES.

MOLLUSCA.

PLATE VIII.

Figs. 1, 1a, 1b, 1c.—*Yoldia anatina*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 373.

Figs. 2, 2a.—*Cuspidaria approximata*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 373.

Figs. 3, 3a.—*Myonera bicarinata*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 374.

Figs. 4, 4a.—*Scrobicularia ceylonica*, E. A. Smith, Annals and Magazine of Natural History, (6) XVIII, 1896, p. 375.



$1 \times 1\frac{1}{2}$.



$1a \times 1\frac{1}{2}$.



$1b \times 3$.



$1c \times 1\frac{1}{2}$.



2×3 .



$2a \times 3$.



3×3 .



$3a \times 3$.



4×2 .



$4a \times 2$.

1. *Yoldia anatina*, E. A. Smith. 2. *Cuspidaria approximata*, E. A. Smith.
3. *Myonera bicarinata*, E. A. Smith. 4. *Scrobicularia ceylonica*, E. A. Smith.



EXPLANATION OF PLATE.

MOLLUSCA.

PLATE IX.

Figs. 1, 1a.—*Pleurotoma optata*, E. A. Smith, Annals and Magazine of Natural History, series 7, Vol. IV. October, 1899, p. 238.

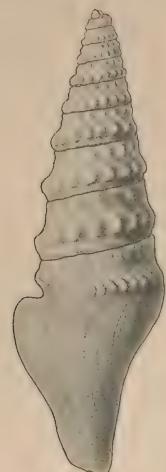
Figs. 2, 2a.—*Pleurotoma oldhami*, E. A. Smith, *loc. admodum cit.*

Figs. 3, 3a.—*Pleurotoma (Surcula) breviplicata*, E. A. Smith, *loc. admodum cit.*

Figs. 4, 4a.—*Pleurotoma (Surcula) eurina*, E. A. Smith, *tom. cit.*, p. 239.

Figs. 5, 5a.—*Pleurotoma (Surcula) praecipua*, E. A. Smith, *loc. admodum cit.*

Figs. 6, 6a.—*Pleurotoma (Surcula) arcana*, E. A. Smith, *loc. admodum cit.*



1x2.



1a x 2.



2 x 1 1/2.



2a x 1 1/2.



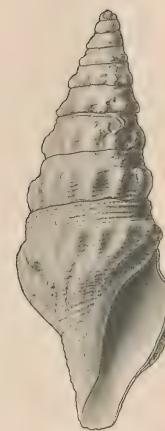
3 x 2 1/2.



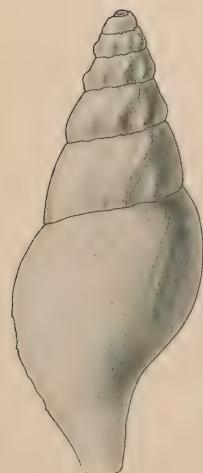
3a x 2 1/2.



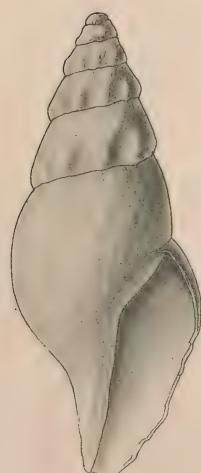
4 x 1 1/2.



4a x 1 1/2.



5 x 2.



5a x 2.



6 x 3.



6a x 3.

1. *Pleurotoma optata*. 2. *Pleurotoma oldhami*. 3. *Pleurotoma (surcula) breviplicata*. 4. *Pleurotoma (surcula) eurina*.5. *Pleurotoma (surcula) praecipua*. 6. *Pleurotoma (surcula) arcana*.

EXPLANATION OF PLATE.

MOLLUSCA.

PLATE X.

Figs. 1, 1a.—*Drillia investigatoris*, E. A. Smith, Annals and Magazine of Natural History, series 7, Vol. IV. October, 1899, p. 240.

Fig. 2.—*Drillia captiva*, E. A. Smith, loc. admodum cit.

Fig. 3.—*Drillia capta*, E. A. Smith, loc. admodum cit.

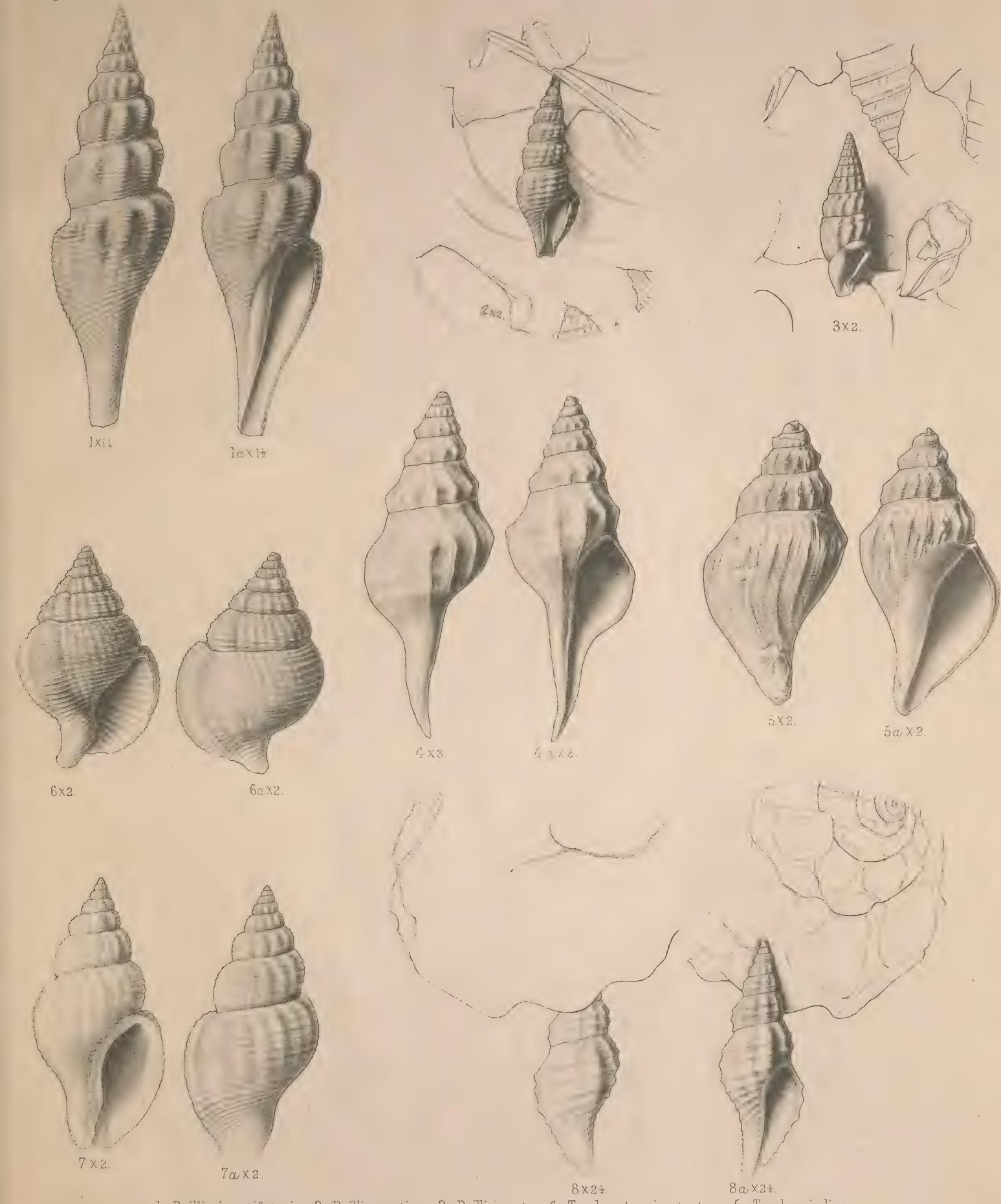
Figs. 4, 4a.—*Trophon tenuirostratus*, E. A. Smith, tom. cit., p. 241.

Figs. 5, 5a.—*Trophon indicus*, E. A. Smith, loc. admodum cit.

Figs. 6, 6a.—*Nassaria laevior*, E. A. Smith, tom. cit., p. 242.

Figs. 7, 7a.—*Tritonidea delicata*, E. A. Smith, loc. admodum cit.

Figs. 8, 8a.—*Fusus captivus*, E. A. Smith, loc. admodum cit.



1. *Drillia investigatoris*. 2. *Drillia captiva*. 3. *Drillia capta*. 4. *Trophon tenuirostratus*. 5. *Trophon indicus*.
6. *Nassaria laevior*. 7. *Tritomidea delicata*. 8. *Fusus captivus*.

EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XI.

Figs. 1, 1a.—*Pisania angusta*, E. A. Smith, Annals and Magazine of Natural History, series 7, Vol. IV, October, 1899, p. 243.

Figs. 2, 2a.—*Nassa aracanensis*, E. A. Smith, *loc. admodum cit.*

Figs. 3, 3a.—*Nassa diluta*, E. A. Smith, *loc. admodum cit.*

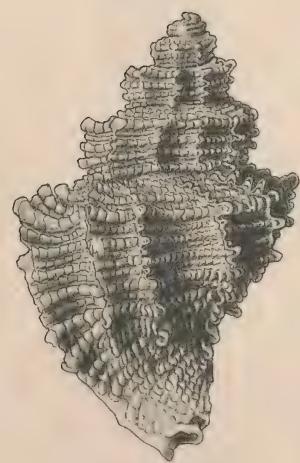
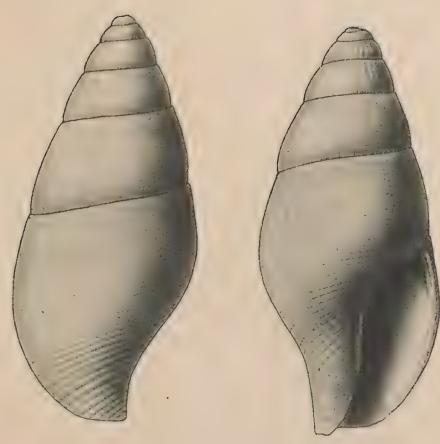
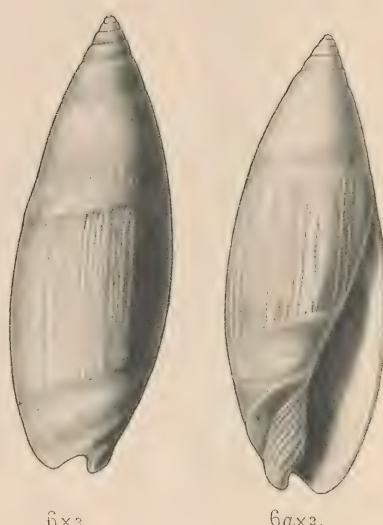
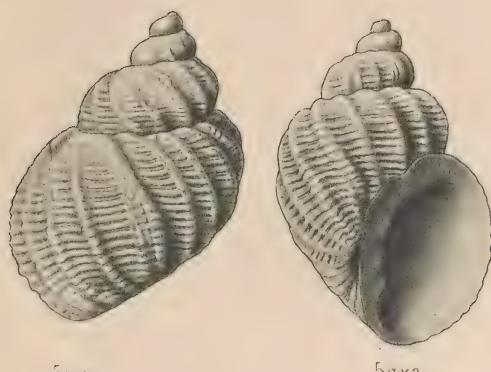
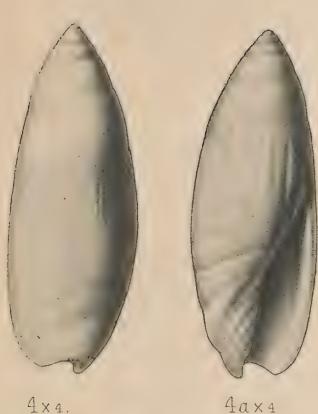
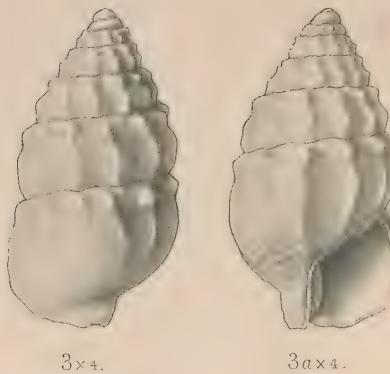
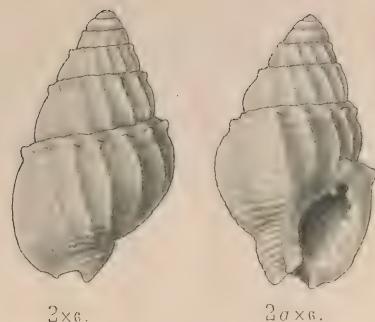
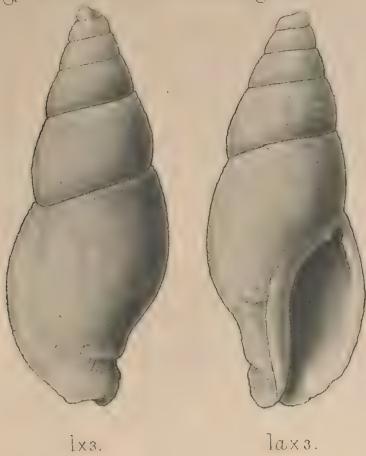
Figs. 4, 4a.—*Ancilla leucospira*, E. A. Smith, *tom. cit.*, p. 245.

Figs. 5, 5a.—*Cancellaria cretacea*, E. A. Smith, *loc. admodum cit.*

Figs. 6, 6a.—*Ancilla glans*, E. A. Smith, *tom. cit.*, p. 246.

Figs. 7, 7a.—*Columbella (Mitrella) supraplicata*, E. A. Smith, *tom. cit.*, p. 244.

Figs. 8, 8a.—*Coralliophila indica*, E. A. Smith, *loc. admodum cit.*



1. *Pisania angusta*. 2. *Nassa aracanensis*. 3. *Nassa diluta*. 4. *Ancilla leucospira*. 5. *Cancellaria cretacea*.

6. *Ancilla glans*. 7. *Columbella (Mitrella) supraplicata*. 8. *Coralliophila indica*.

EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XII.

Figs. 1, 1a.—*Scalaria bengalensis*, E. A. Smith, Annals and Magazine of Natural History, series 7, Vol. IV, October, 1899, p. 246.

Figs. 2, 2a.—*Scalaria subcasta*, E. A. Smith, loc. admodum cit.

Figs. 3, 3a.—*Leptothyra delecta*, E. A. Smith, tom. cit., p. 248.

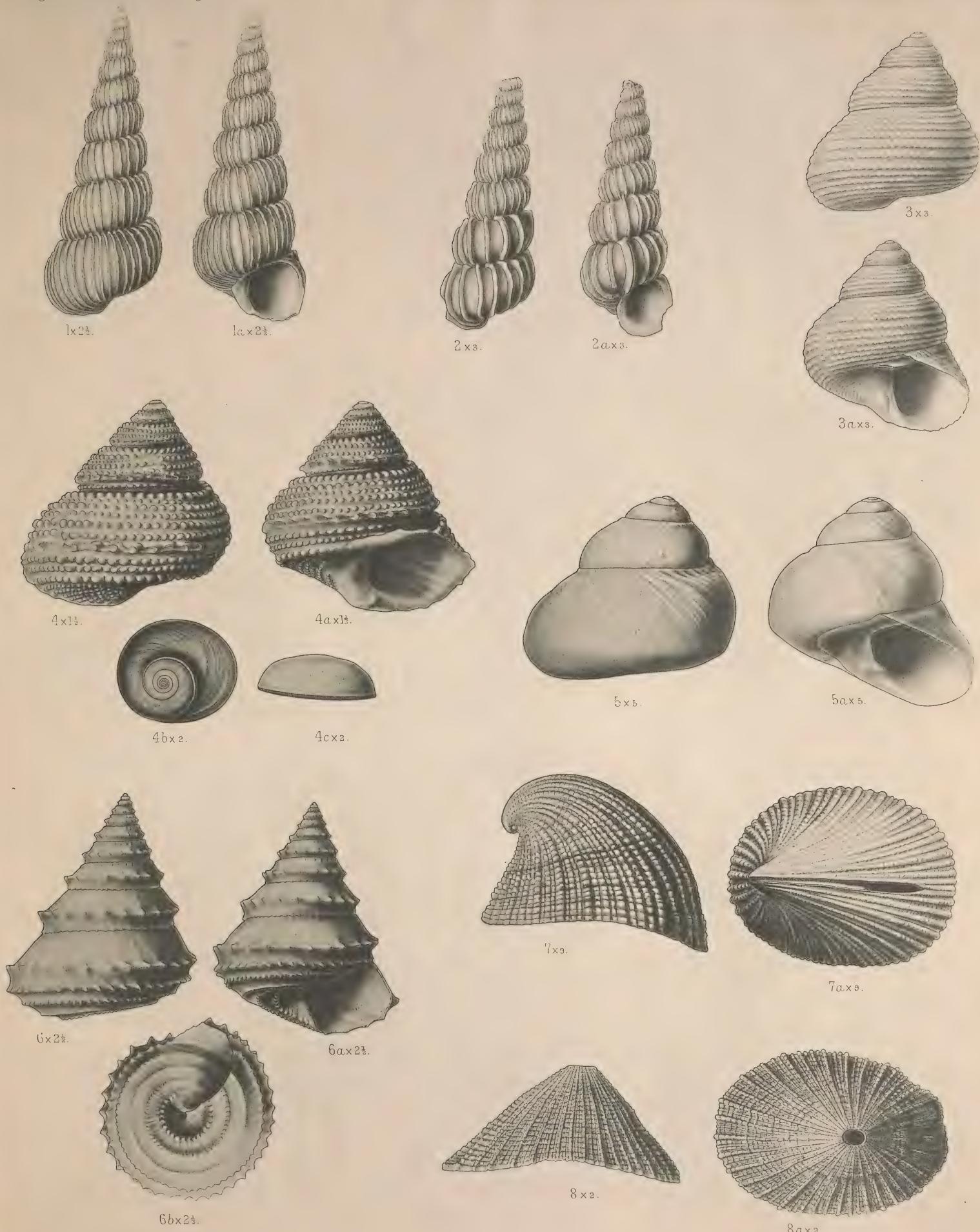
Figs. 4, 4a-c.—*Astralium bathyraphe*, E. A. Smith, tom. cit., p. 247.

Figs. 5, 5a.—*Turbo incoloratus*, E. A. Smith, loc. admodum cit.

Figs. 6, 6a-b.—*Solariella oxycona*, E. A. Smith, tom. cit., p. 248.

Figs. 7, 7a.—*Puncturella (Cranopsis) indica*, E. A. Smith, tom. cit., p. 249.

Figs. 8, 8a.—*Fissurella delicata*, E. A. Smith, loc. admodum cit.



1. *Scalaria bengalensis*. 2. *Scalaria subcasta*. 3. *Leptothyra delecta*. 4. *Astralium bathyraphe*. 5. *Turbo incoloratus*.
6. *Solariella oxycona*. 7. *Puncturella (Cranopsis) indica*. 8. *Fissurella delicata*.

EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XIII.

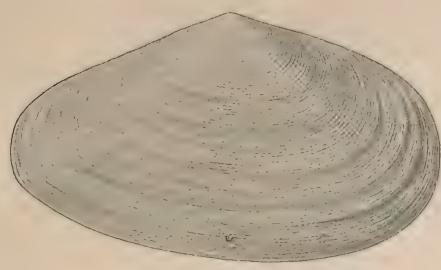
Figs. 1, 1a.—*Tellina travancorica*, E. A. Smith, Annals and Magazine of Natural History, series 7, Vol. IV, October, 1899, p. 249.

Figs. 2, 2a.—*Abra affinis*, E. A. Smith, *tom. cit.*, p. 250.

Figs. 3, 3a.—*Arca (Barbatia) incerta*, E. A. Smith, *tom. cit.*, p. 251.

Figs. 4, 4a.—*Lima indica*, E. A. Smith, *loc. admodum cit.*

Figs. 5, 5a.—*Myodora quadrata*, E. A. Smith, *tom. cit.*, p. 250.



1x1½.



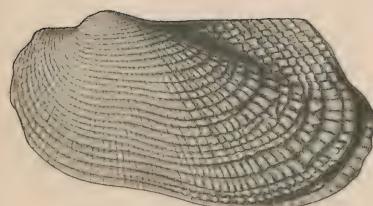
2x2½.



1ax1½.



2ax2½.



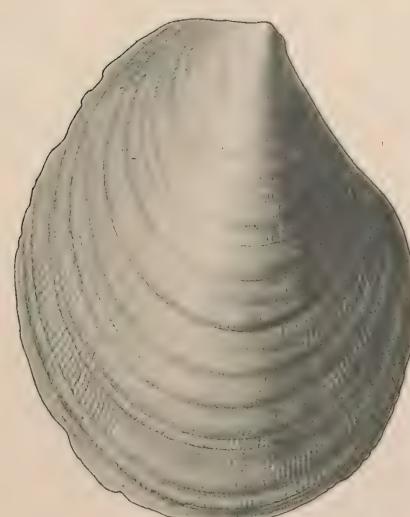
3x2½.



4a



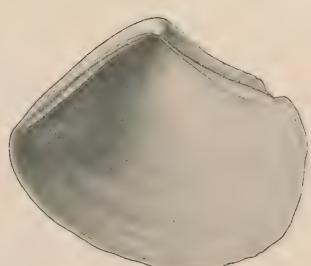
3a x 2½



4



5x4.



5a x 4

1. *Tellina travancorica*. 2. *Abra affinis*. 3. *Arca (Barbatia) incerta*. 4. *Lima indica*. 5. *Myodora quadrata*.

400 - 1000 $\times 10^{-3}$ $\times 10^{-3}$

1907

EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XIV.

Figs. 1, 1a.—*Conus semisulcatus*, Sowerby, Proc. Zool. Soc., 1870, p. 257; and E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIII, June, 1904, p. 454.

Figs. 2, 2a.—*Pleurotoma (Surcula) margaritæ*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIII, June, 1904, p. 458.

Figs. 3, 3a.—*Pleurotoma vagata*, E. A. Smith, *Op. cit.*, p. 456.

Figs. 4, 4a.—*Drillia worthingtoni*, E. A. Smith, *Op. cit.*, p. 460.



1.



1a.



2.



2a.



3.



3a.



4.



4a.

1. *Conus semisulcatus*, Sowb. x 2. 2. *Pleurotoma* (*Surcula*) *Margaritae*, E.A. Smith x 1 1/2
 3. *Pleurotoma vagata*, E.A. Smith, x 1 1/2. 4. *Drillia Worthingtoni*, E.A. Smith, x 4.

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EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XV.

Fig. 1.—*Latiaxis diadema* (A. Adams). E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIII, June, 1904, p. 466.
Murex diadema, A. Adams, Proc. Zool. Soc., 1853, p. 70.

Figs. 2, 2a.—*Clathurella perlissa*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIII, June, 1904, p. 460.

Figs. 3, 3a.—*Marginella grisea* (Jousseaume). E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIII, June, 1904, p. 468.
Persicula grisea, Jousseaume, Rev. Mag. Zool.,

1875, p. 268.

Figs. 4, 4a.—*Lacuna globosa*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIII, June, 1904, p. 472.

Figs. 5, 5a.—*Chiton ceylanicus*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIV, July, 1904, p. 7.



1.



2.



2a.



3.



3a.



4.



4a.



5.



5a.

1. *Latiaxis diadema*, A. Adams, $\times 3$. 2. *Clathurella perlissa*, E. A. Smith, $\times 5$. 3. *Marginella grisea*, Jouss, $\times 2\frac{1}{2}$. 4. *Lacuna globosa*, E. A. Smith, $\times 10$.

5. *Chiton ceylanicus*, E. A. Smith, $\times 4$.

EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XVI.

Figs. 1, 1a, 1b.—*Capulus fragilis*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIV, July, 1904, p. 1.

Figs. 2, 2a.—*Scaphander ceylanica*, E. A. Smith, *Op. cit.*, p. 5.

Figs. 3, 3a, 3b.—*Acmaea minutissima*, E. A. Smith, *Op. cit.*, p. 4.



1.



1a.



1b.



2.



2a.



3.



3a.



3b.

1. *Capulus fragilis*, E.A. Smith, x 4. 2. *Scaphander ceylanica*, E.A. Smith, x 6.
3. *Acmaea minutissima*, E.A. Smith, x 16.





EXPLANATION OF PLATE.

MOLLUSCA.

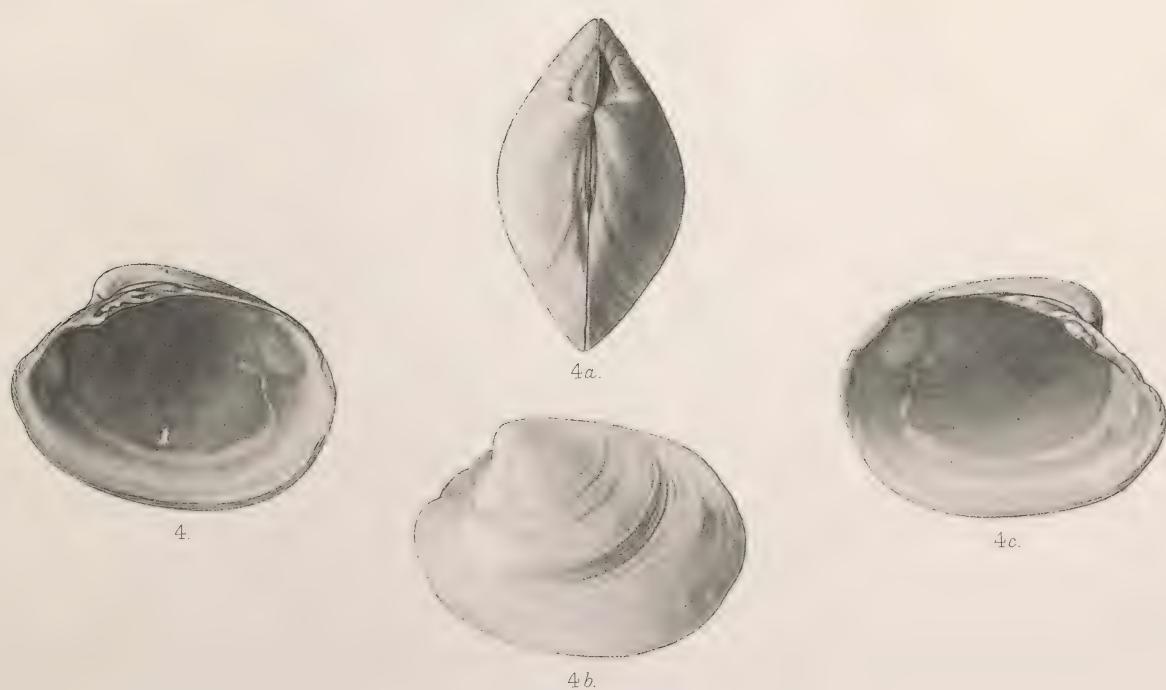
PLATE XVII.

Figs. 1, 1a.—*Atys submalleata*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIV, July, 1904, p. 6.

Figs. 2, 2a.—*Cylichna andamanica*, E. A. Smith, *Op. cit.*, p. 6.

Figs. 3, 3a.—*Xylophaga indica*, E. A. Smith, *Op. cit.*, p. 7.

Figs. 4, 4a, 4b, 4c.—*Vesicomya indica*, E. A. Smith, *Op. cit.*, p. 9.



1. *Atys submalleata*, E.A. Smith x 3. 2. *Cyllichna andamanica*, E.A. Smith x 6. 3. *Xylophaga indica*, E.A. Smith x 3. 4. *Vesicomya indica*, E.A. Smith.



EXPLANATION OF PLATE.

MOLLUSCA.

PLATE XVIII.

Figs. 1, 1a.—*Psammobia arakanensis*, E. A. Smith, Ann. Mag. Nat. Hist., Ser. 7, Vol. XIV, July, 1904, p. 10.

Figs. 2, 2a.—*Myrina indica*, E. A. Smith, *Op. cit.*, p. 11.

Figs. 3, 3a.—*Anatina andamanica*, E. A. Smith, *Op. cit.*, p. 8.

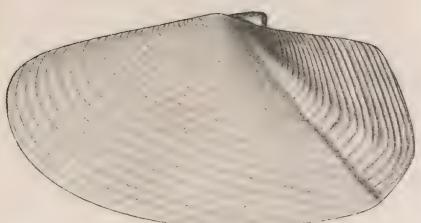
Figs. 4, 4a, 4b.—*Pecten alcocki*, E. A. Smith, *Op. cit.*, p. 13.



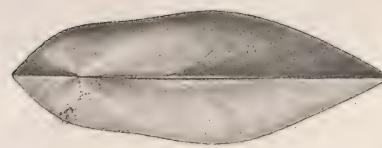
1.



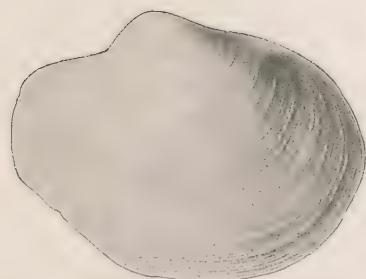
2.



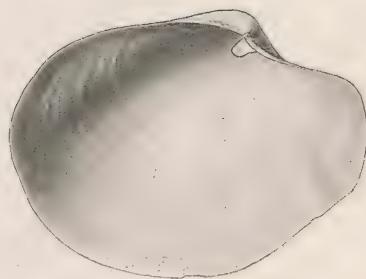
1a.



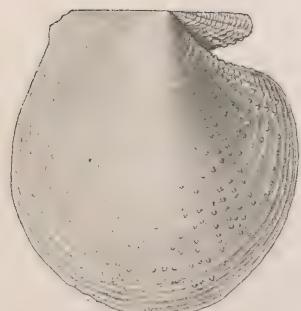
2a.



3.



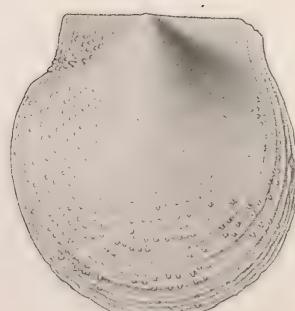
3a.



4.



4a.



4b.

1. *Psammobia arakanensis*, E.A. Smith x 2. 2. *Myrina indica*, E.A. Smith x 5. 3. *Anatina andamanica*, E.A. Smith x 3. 4. *Pecten alcocki*, E.A. Smith x 2½.

$\mathcal{M}(\mathcal{Q}) = \mathcal{P}(\mathcal{V})$, $\mathcal{P}_{\mathcal{V}} \times_{\mathcal{V}} \mathcal{V} \times_{\mathcal{V}} \mathcal{V}$
1908

EXPLANATION OF PLATE.

PLATE XIX—MOLLUSCA.

Figs. 1, 2.—**NATICA DIMIDIATA**, E. A. Smith.

Natica dimidiata, E. A. Smith, *Ann. Mag. Nat. Hist.* (7), Vol. XVIII, p. 172 (1906).

Figs. 3, 4.—**NATICA INCERTA**, E. A. Smith.

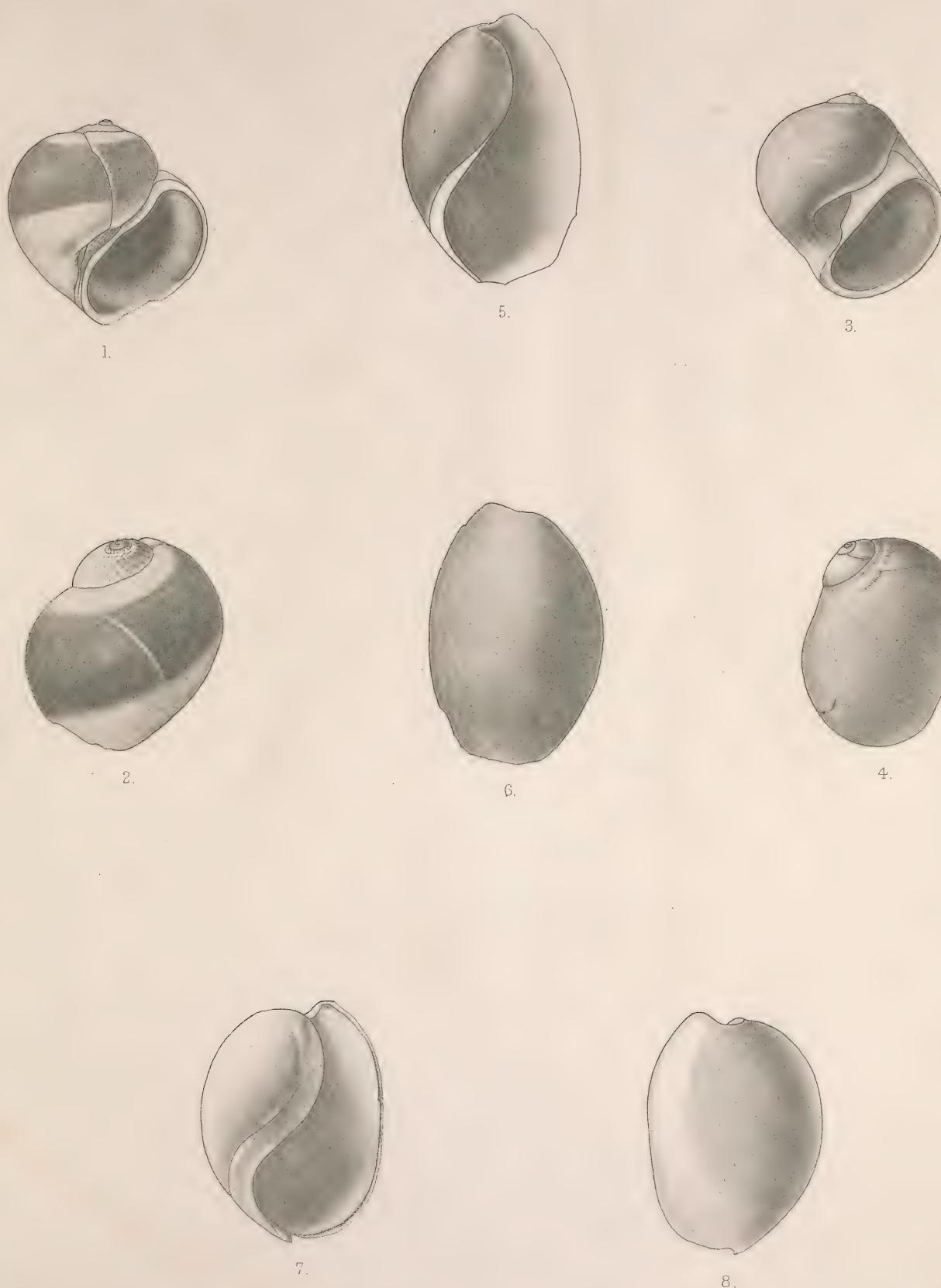
Natica incerta, E. A. Smith, *op. cit.*, p. 173.

Figs. 5, 6.—**SCAPHANDER VICINUS**, E. A. Smith.

Scaphander vicinus, E. A. Smith, *Ann. Mag. Nat. Hist.*, *tom. cit.*, p. 248.

Figs. 7, 8.—**SCAPHANDER ANDAMANICUS**, E. A. Smith.

Scaphander andamanicus, E. A. Smith, *Ann. Mag. Nat. Hist.*, (6), Vol. XIV, p. 167, pl. IV, fig. 15 (1894); series 7, Vol. XIV, p. 5 (1904) and Vol. XVIII, p. 247 (1906).



1.2. *Natica dimidiata*, Smith. x 2. 5.6. *Scaphander vicinus*, Smith. x 1½.
3.4. *Natica incerta*, Smith. x 1½. 7.8. *Scaphander andamanicus*, Smith. x 1½.





EXPLANATION OF PLATE.

PLATE XX—MOLLUSCA.

Figs. 1, 2.—PLEUROTOMA (SURCULA) THISBE, E. A. Smith.

Pleurotoma thisbe, *E. A. Smith, Ann. Mag. Nat. Hist.* (7), Vol. XVIII, p. 162 (1906).

Figs. 3, 4.—PLEUROTOMA CARINATA, Gray.

Pleurotoma carinata, Gray, *E. A. Smith, Ann. Mag. Nat. Hist.* (6), Vol. XXIII, p. 368 (1896), and (7), Vol. XVIII, p. 160 (1906).

Figs. 5, 6.—ANCILLA ALCOCKII, E. A. Smith.

Ancilla alcockii, *E. A. Smith, Ann. Mag. Nat. Hist.* (7), Vol. XVIII, p. 172 (1906).

Figs. 7, 8.—VESICOMYA BREVIS, E. A. Smith.

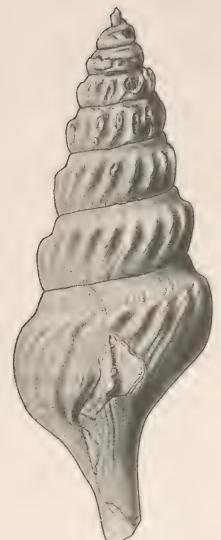
Vesicomya brevis, *E. A. Smith, op. cit.*, p. 261.



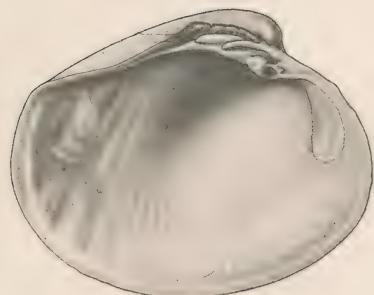
1.



5.



2.



7.



8.



3.



6.



4.

1.2. *Pleurotoma (surcula) thisbe*, Smith. $\times 2$. 5.6. *Ancilla alcockii*, Smith. $\times \frac{1}{2}$.
3.4. *Pleurotoma carinata*, Gray. $\times \frac{1}{2}$. 7.8. *Vesicomya brevis*, Smith. $\times \frac{1}{2}$.

EXPLANATION OF PLATE.

PLATE XXI--MOLLUSCA.

Figs. 1, 1a.—PONTIOTHAUMA MINUS, E. A. Smith.

Pontiothauma minus, *E. A. Smith, Ann. Mag. Nat. Hist. (7), Vol. XVIII, p. 159 (1906).*

Figs. 2, 2a.—PONTIOTHAUMA PACEI, E. A. Smith.

Pontiothauma pacei, *E. A. Smith, op. cit., p. 159.*

Figs. 3, 3a.—PLEUROTOMA (SURCULA) NEREIS, E. A. Smith.

Pleurotoma (Surcula) nereis, *E. A. Smith, op. cit., p. 161.*

Figs. 4, 4a.—PLEUROTOMA (SURCULA) AGALMA, E. A. Smith.

Pleurotoma (Surcula) agalma, *E. A. Smith, op. cit., p. 162.*

Figs. 5, 5a.—PLEUROTOMA (BATHYTOMA) URANIA,

E. A. Smith.

Pleurotoma (Bathytoma) urania, *E. A. Smith, op. cit., p. 164.*

Figs. 6, 6a.—MANARIA THURSTONI, E. A. Smith.

Manaria thurstoni, *E. A. Smith, op. cit., p. 167.*



1



1a



2



2a



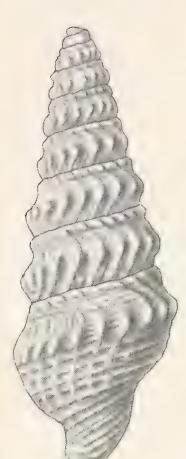
3



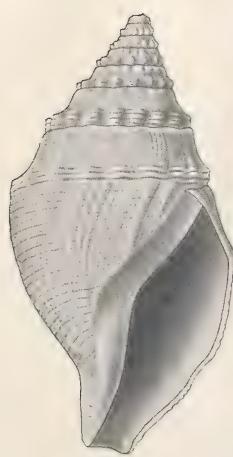
3a



4



4a



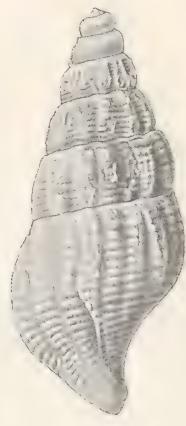
5



5a



6



6a

Half-tone.

1, 1a. *Pontiothauma minus*, Smith, $\times 2$.
 2, 2a. *Pontiothauma pacei*, Smith.
 3, 3a. *Pleurotoma (Surcula) nereis*, Smith, $\times 2$.

Survey of India Offices, Calcutta, 1909.

4, 4a. *Pleurotoma (Surcula) agalma*, Smith, $\times 4$.
 5, 5a. *Pleurotoma (Bathytoma) urania*, Smith, $\times 3$.
 6, 6a. *Manaria thurstoni*, Smith, $\times 2$.

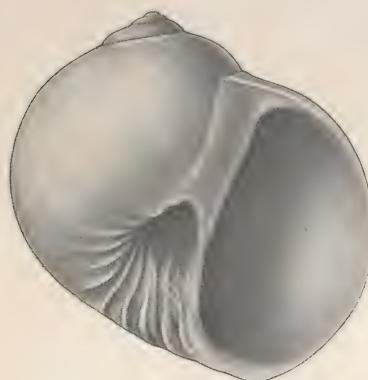
EXPLANATION OF PLATE.

PLATE XXII—MOLLUSCA.

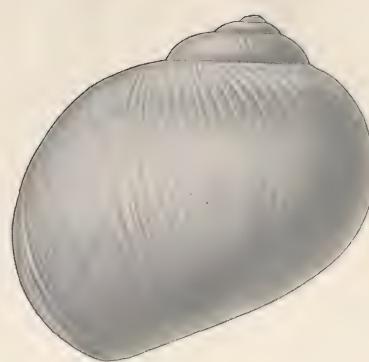
Figs. 1, 1a.—*NATICA SIMULANS*, E. A. Smith.
Natica simulans, *E. A. Smith*, *Ann. Mag. Nat. Hist.* (7),
Vol. XVIII, p. 173 (1906).

Figs. 2, 2a.—*COLUMBELLA SUAVIS*, E. A. Smith.
Columbella suavis, *E. A. Smith*, *op. cit.*, p. 171.

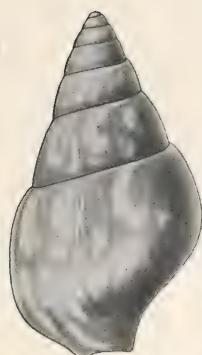
Figs. 3, 3a.—*TROPHON (BOREOTROPHON) PLANISPINA*, E. A. Smith.
Trophon (Boreotrophon) planispina, *E. A. Smith*, *op. cit.*, p. 168.



1



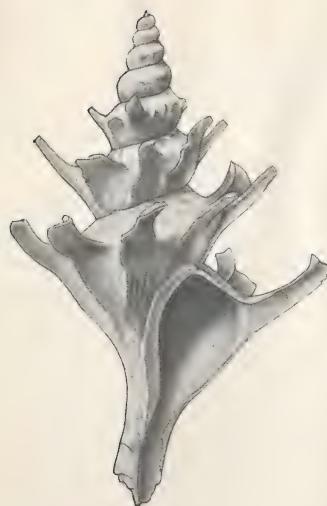
1a



2



2a



3



3a

Half-tone.

Survey of India Offices, Calcutta, 1909.

1, 1a. *Natica simulans*, Smith, $\times 2\frac{1}{2}$.2, 2a. *Columbella suavis*, Smith, $\times 12$.3, 3a. *Trophon (Boreotrophon) planispina*, Smith, $\times 2$.



EXPLANATION OF PLATE.

PLATE XXIII—MOLLUSCA.

Figs. 1, 1a.—NUCULA (ACILA) GRANULATA, E. A. Smith.

Nucula (Acila) granulata, *E. A. Smith, Ann. Mag. Nat. Hist.* (7), Vol. XVIII, p. 251 (1906).

Figs. 2, 2a.—DENTALIUM CORNU-BOVIS, E. A. Smith.

Dentalium cornu-bovis, *E. A. Smith, op. cit.*, p. 249.

N.B.—Figs. 2 and 2a with Symbiotic Actinian.

Fig. 3.—DENTALIUM SUBCURVATUM, E. A. Smith.

Dentalium subcurvatum, *E. A. Smith, op. cit.*, p. 251.

Figs. 4, 4a.—LEPIDOPLEURUS ANDAMANICUS, E. A. Smith.

Lepidopleurus andamanicus, *E. A. Smith, op. cit.*, p. 251.



1



1a



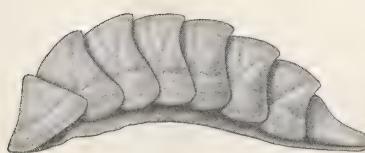
2



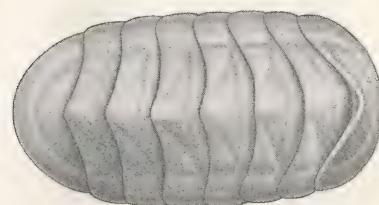
2a



3



4



4a

Half-tone.

1, 1a. *Nucula (Acila) granulata*, Smith, $\times 4$.
 2, 2a. *Dentalium cornu-bovis*, Smith, $\times 1\frac{1}{2}$.

Survey of India Offices, Calcutta, 1900.

3. *Dentalium subcurvatum*, Smith, $\times 1\frac{1}{2}$.
 4, 4a. *Lepidopleurus andamanicus*, Smith, $\times 5$.

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